

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
 Data File : BN015272.D
 Acq On : 01 Jul 2021 22:20
 Operator : CG/JU
 Sample : M2838-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210622

Quant Time: Jul 02 01:00:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 09:06:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

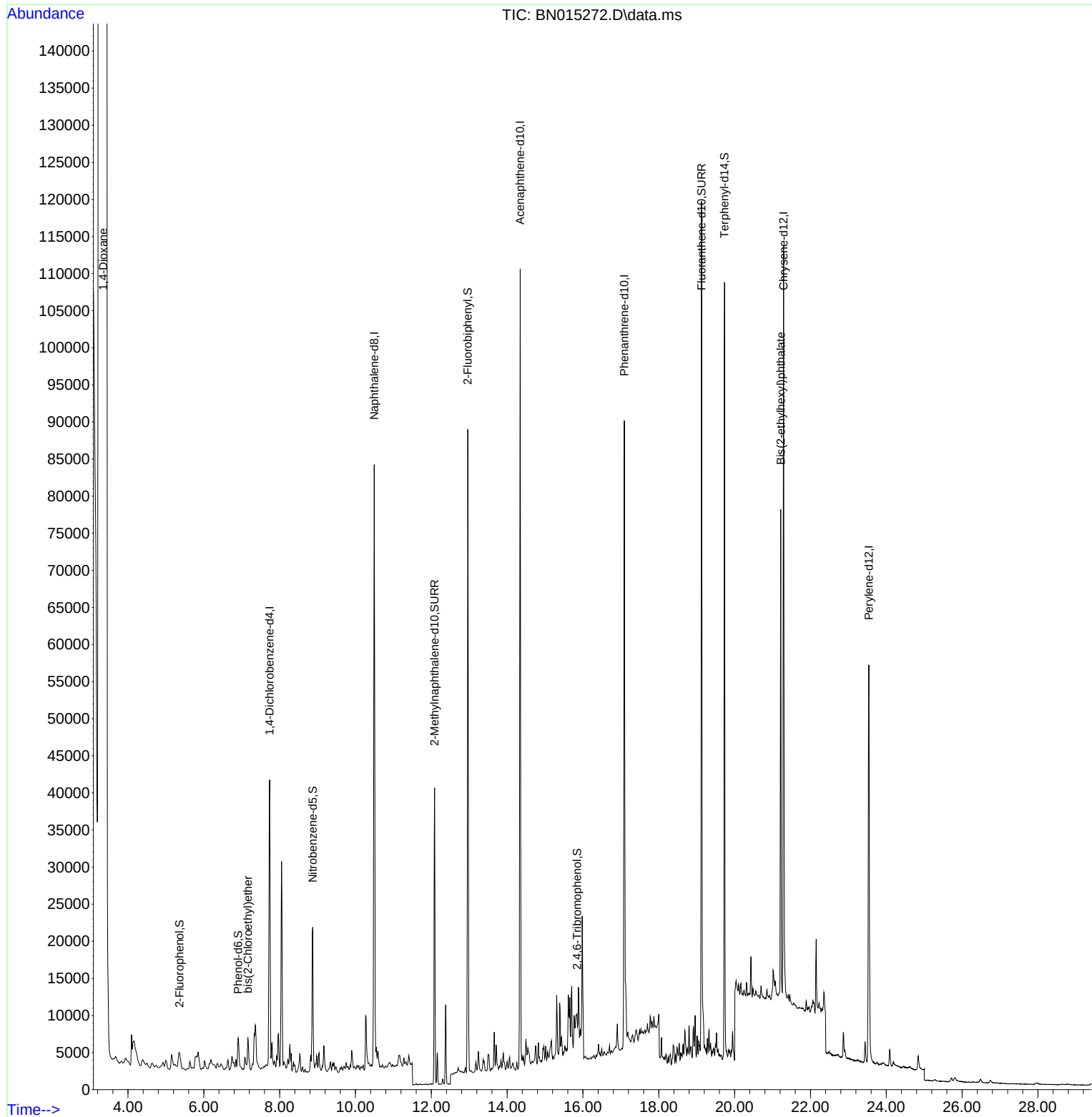
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.735	152	23411	0.400	ng	# 0.00
7) Naphthalene-d8	10.495	136	107190	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	60581	0.400	ng	0.00
19) Phenanthrene-d10	17.091	188	119749	0.400	ng	0.00
29) Chrysene-d12	21.291	240	94976	0.400	ng	#-0.01
35) Perylene-d12	23.539	264	76056	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	3344	0.056	ng	0.00
5) Phenol-d6	6.905	99	4058	0.054	ng	0.00
8) Nitrobenzene-d5	8.873	82	18636	0.310	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	53181	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	2552	0.317	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	74212	0.302	ng	0.00
27) Fluoranthene-d10	19.128	212	130108	0.368	ng	0.00
31) Terphenyl-d14	19.733	244	103825	0.467	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	21550	1.963	ng	# 64
6) bis(2-Chloroethyl)ether	7.163	93	3994	0.054	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.217	149	59980	0.649	ng	# 87

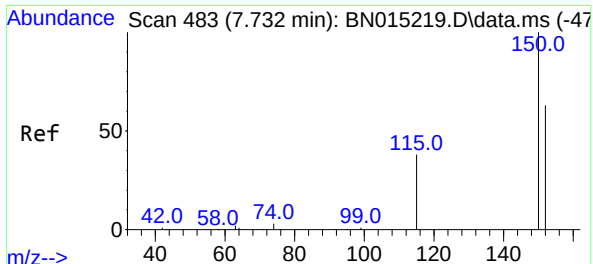
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

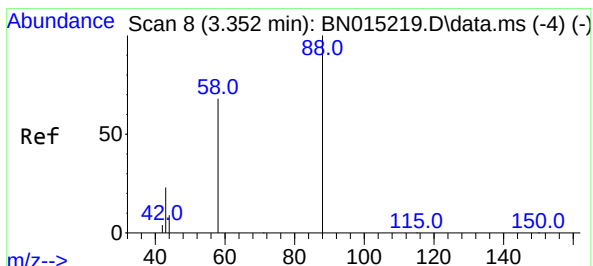
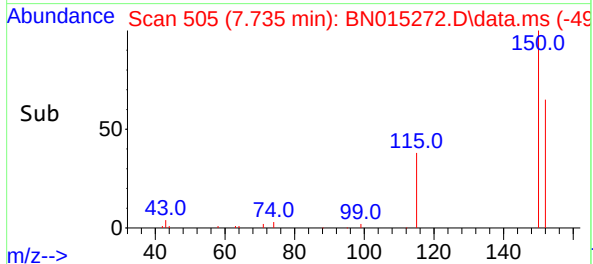
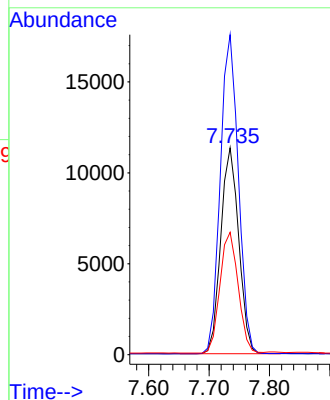
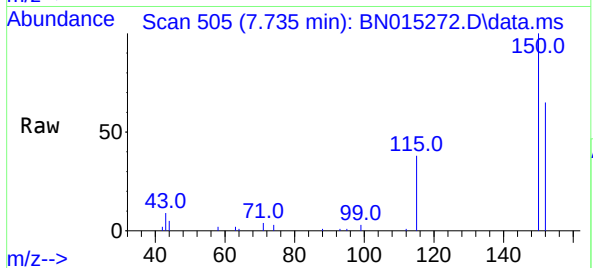




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.735 min Scan# 505
Delta R.T. 0.003 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

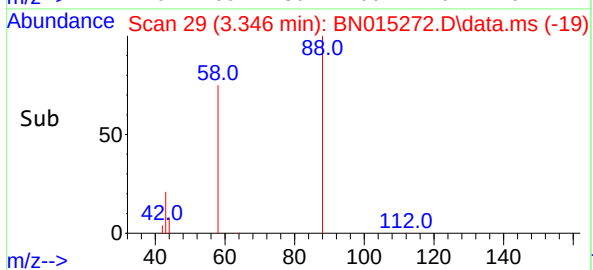
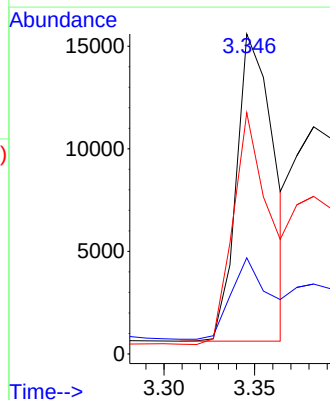
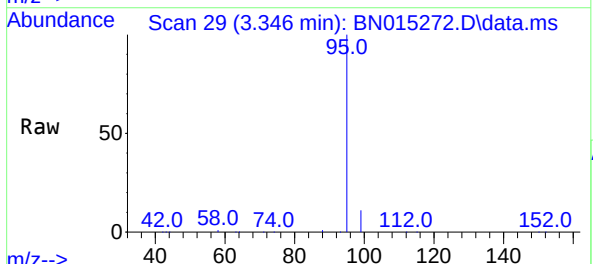
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210622

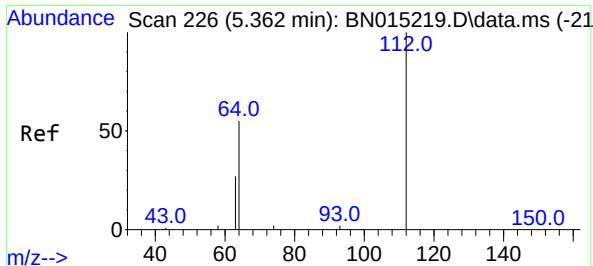
Tgt Ion:152 Resp: 23411
Ion Ratio Lower Upper
152 100
150 154.6 119.0 178.6
115 59.2 62.2 93.4#



#2
1,4-Dioxane
Concen: 1.963 ng
RT: 3.346 min Scan# 29
Delta R.T. -0.006 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion: 88 Resp: 21550
Ion Ratio Lower Upper
88 100
43 27.1 12.9 19.3#
58 73.8 38.1 57.1#

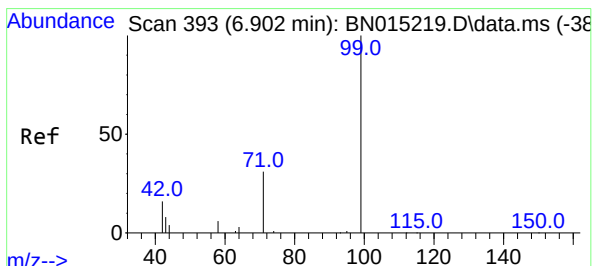
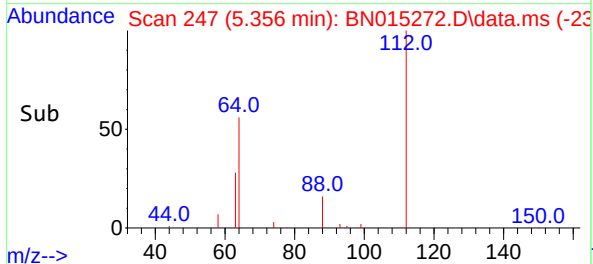
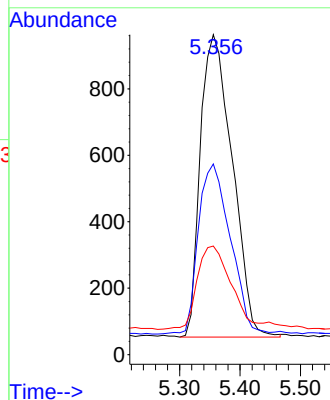
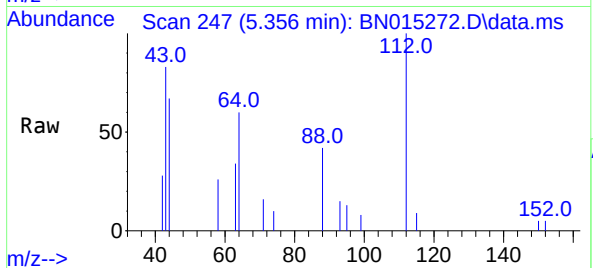




#4
2-Fluorophenol
Concen: 0.056 ng
RT: 5.356 min Scan# 247
Delta R.T. -0.006 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

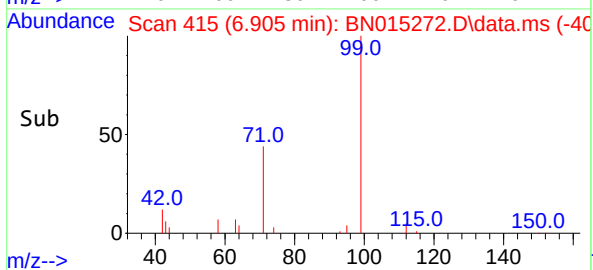
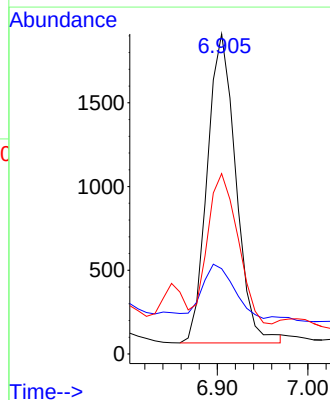
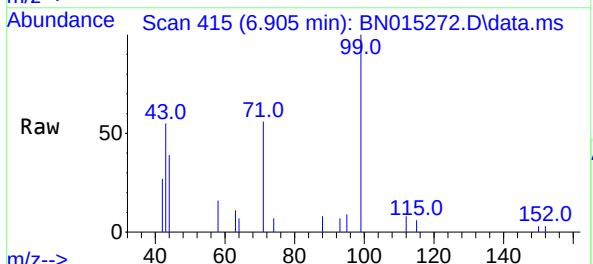
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210622

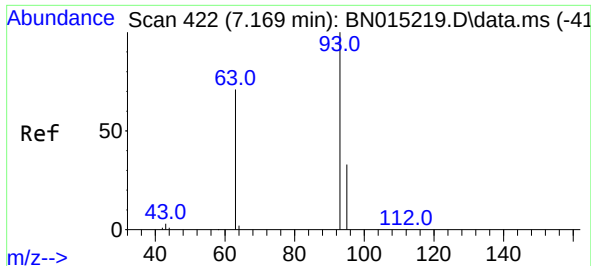
Tgt Ion:112 Resp: 3344
Ion Ratio Lower Upper
112 100
64 55.2 39.0 58.6
63 29.2 20.6 30.8



#5
Phenol-d6
Concen: 0.054 ng
RT: 6.905 min Scan# 415
Delta R.T. 0.003 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion: 99 Resp: 4058
Ion Ratio Lower Upper
99 100
42 18.5 8.9 13.3#
71 51.5 35.6 53.4

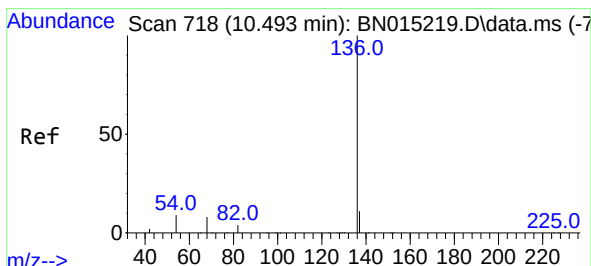
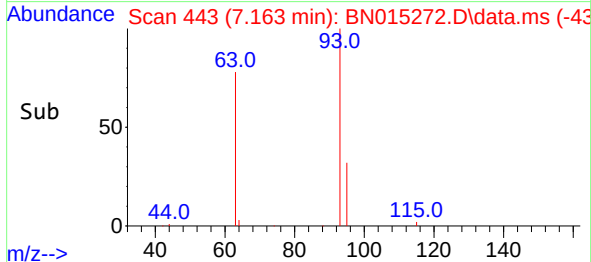
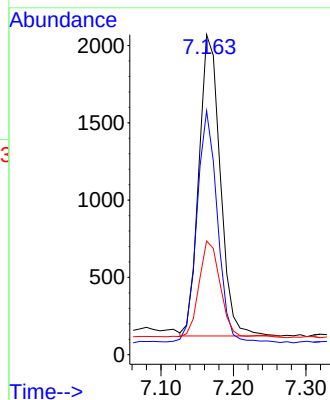
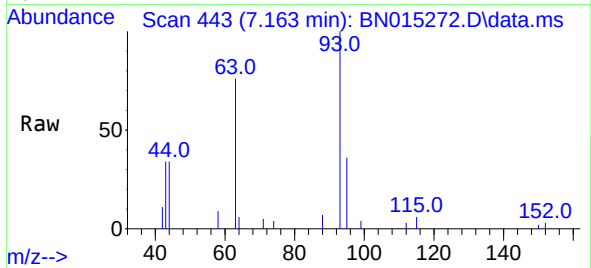




#6
bis(2-Chloroethyl)ether
Concen: 0.054 ng
RT: 7.163 min Scan# 443
Delta R.T. -0.006 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

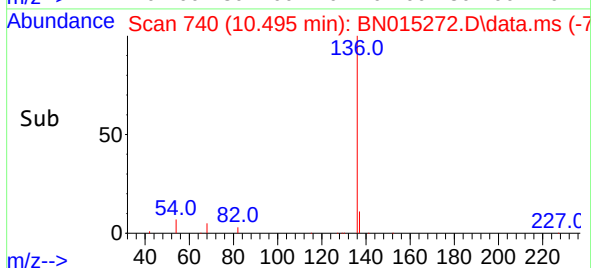
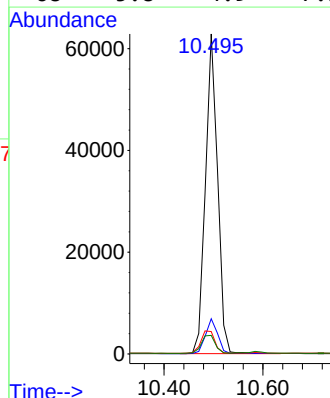
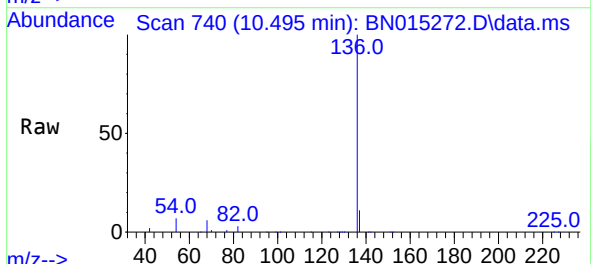
Instrument :
BNA_N
ClientSampleId :
RE108D2-20210622

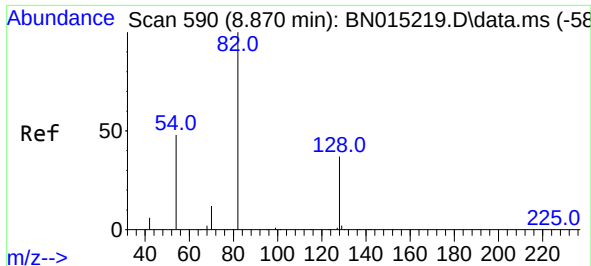
Tgt Ion: 93 Resp: 3994
Ion Ratio Lower Upper
93 100
63 74.5 46.6 70.0#
95 31.3 28.6 42.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.495 min Scan# 740
Delta R.T. 0.003 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion: 136 Resp: 107190
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.8
54 7.0 5.4 8.2
68 5.8 4.9 7.3

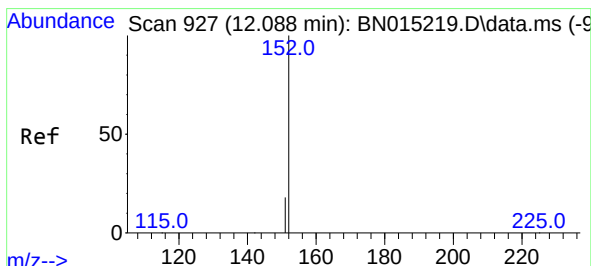
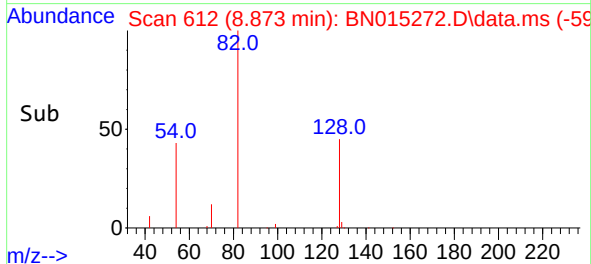
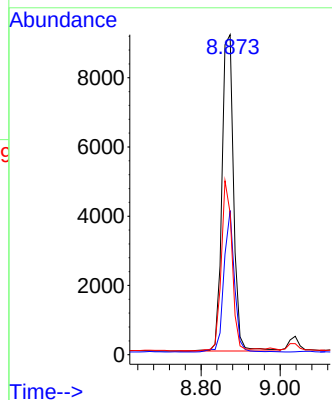
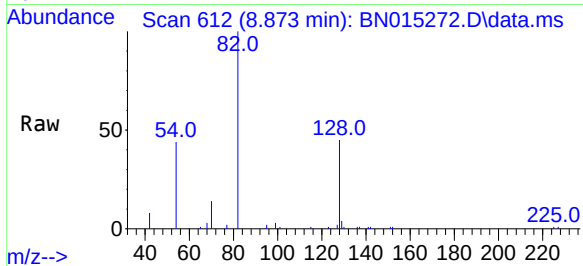




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 8.873 min Scan# 612
Delta R.T. 0.003 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

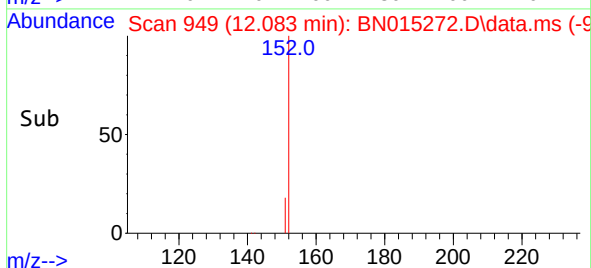
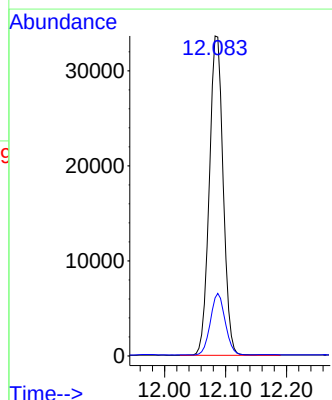
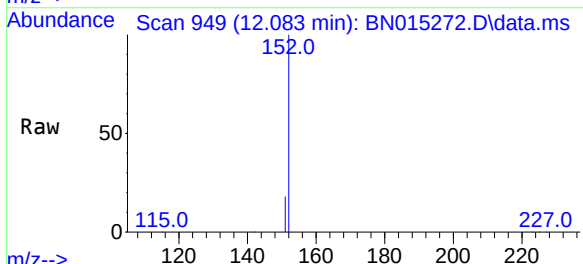
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ClientSampleId :
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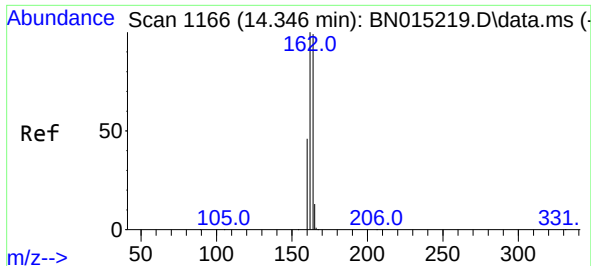
Tgt Ion: 82 Resp: 18636
Ion Ratio Lower Upper
82 100
128 45.0 31.6 47.4
54 44.3 29.0 43.4#



#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.005 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion: 152 Resp: 53181
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1

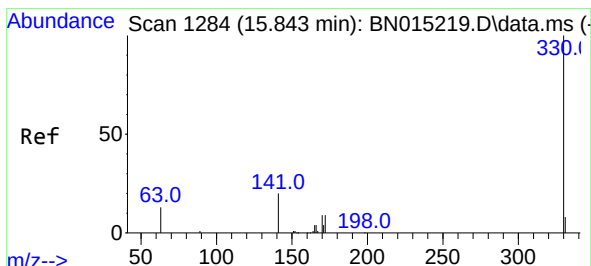
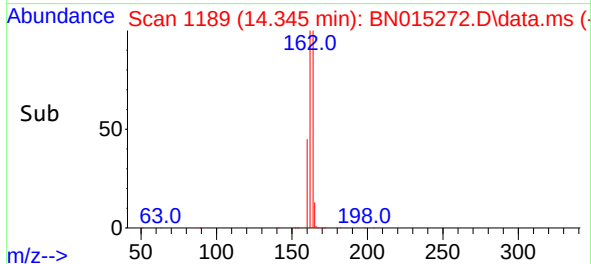
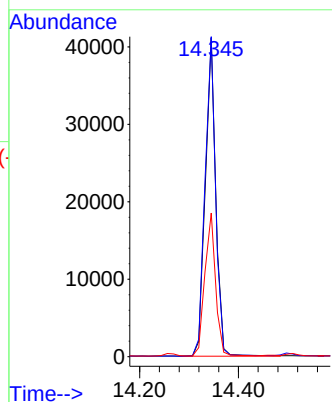
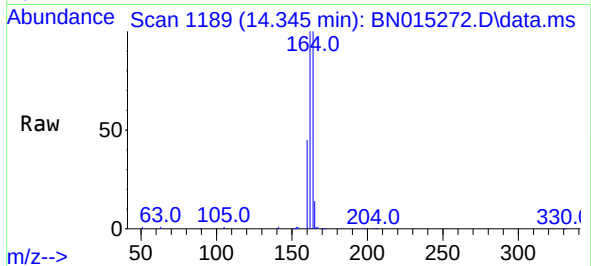




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1189
Delta R.T. -0.001 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

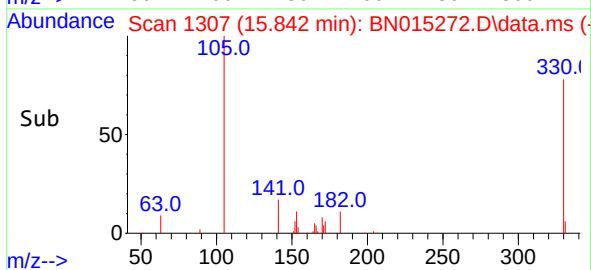
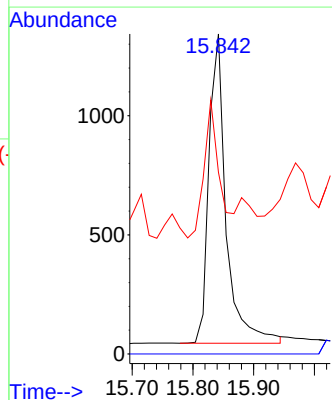
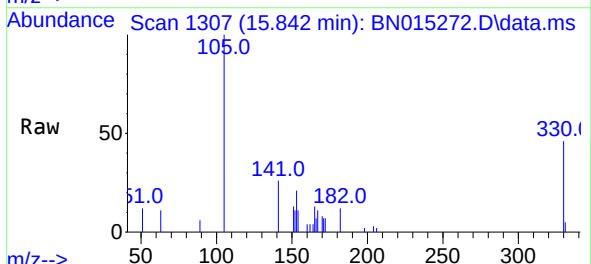
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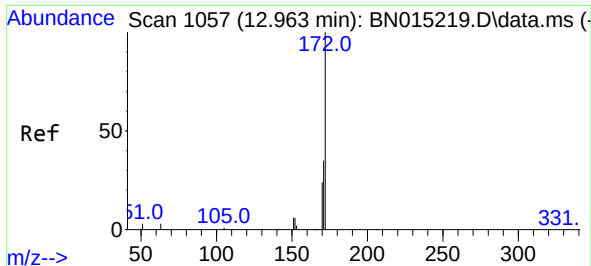
Tgt Ion:164 Resp: 60581
Ion Ratio Lower Upper
164 100
162 100.4 83.8 125.6
160 45.1 37.4 56.0



#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 15.842 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion:330 Resp: 2552
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.0 22.4 33.6#

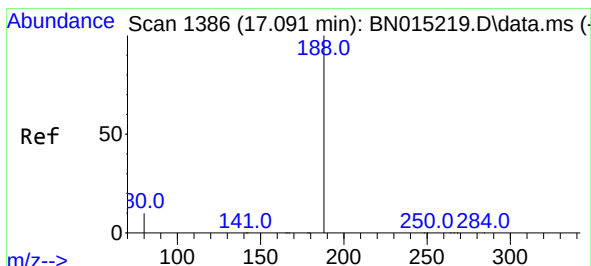
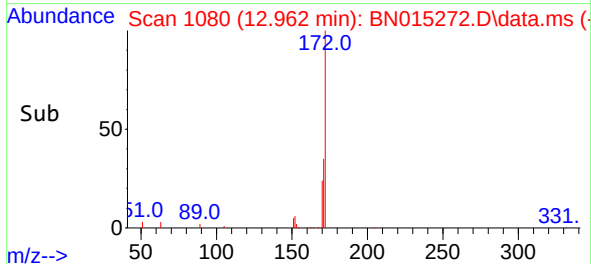
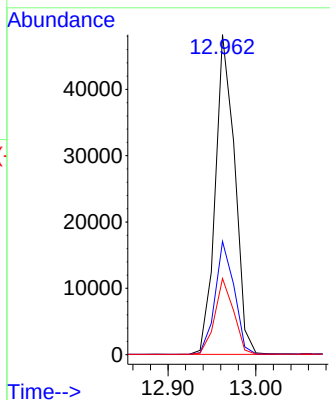
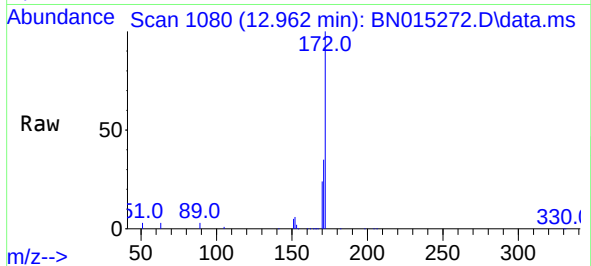




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.962 min Scan# 1080
Delta R.T. -0.001 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

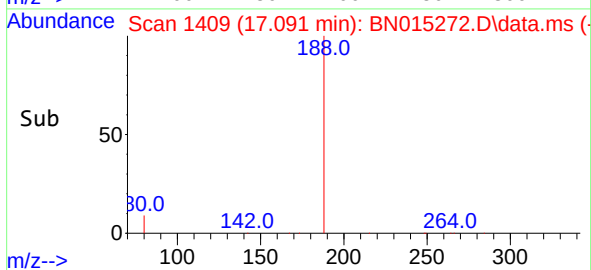
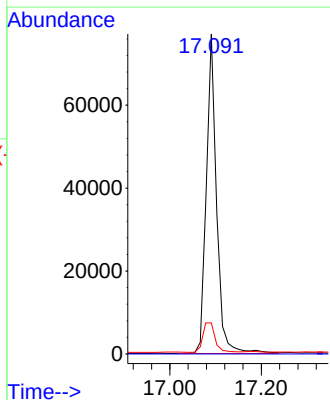
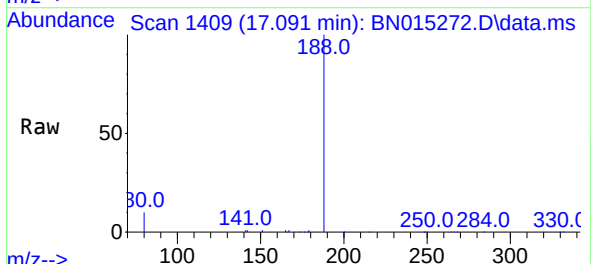
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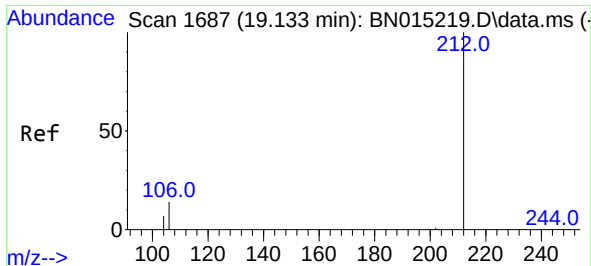
Tgt Ion:172	Resp:	74212
Ion Ratio	Lower	Upper
172	100	
171	35.4	30.6 45.8
170	23.8	20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.091 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion:188	Resp:	119749
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	9.7	9.0 13.4

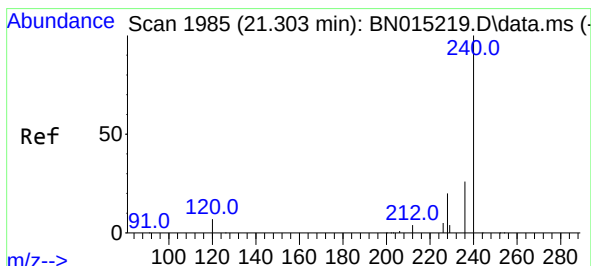
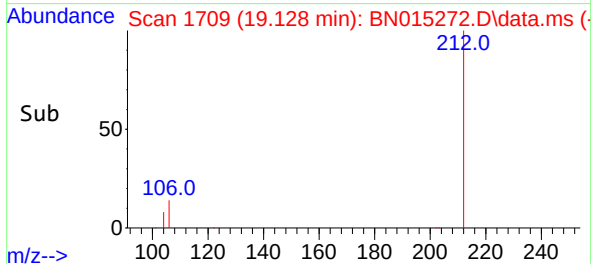
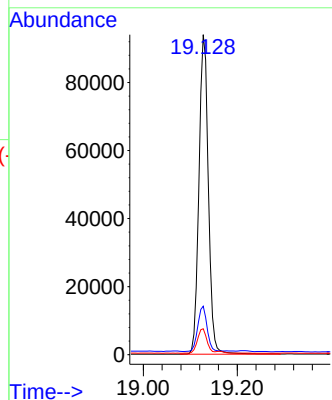
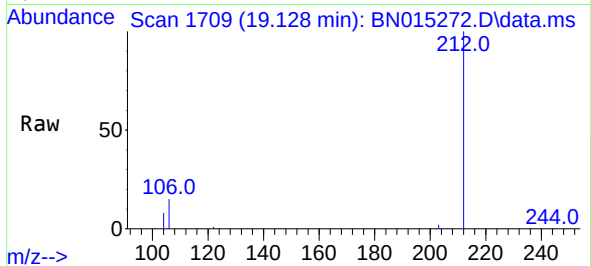




#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.128 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

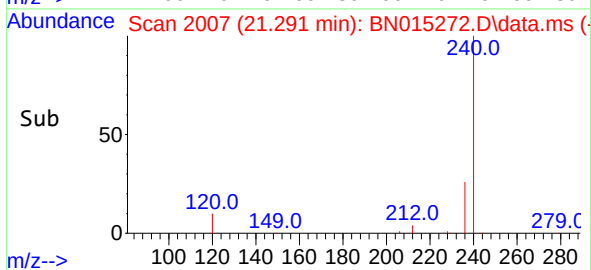
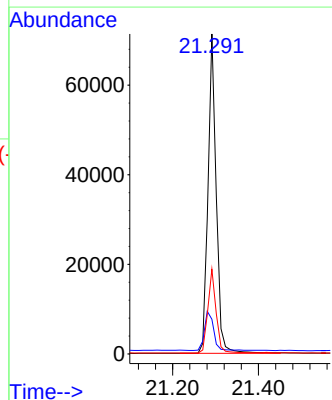
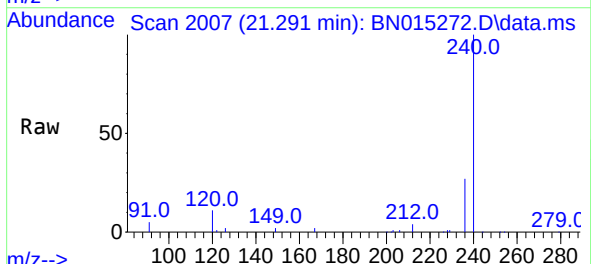
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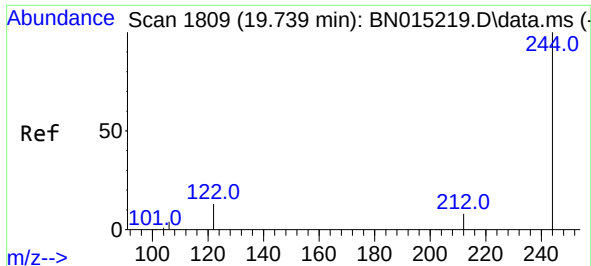
Tgt Ion:212 Resp: 130108
Ion Ratio Lower Upper
212 100
106 14.0 7.0 10.6#
104 7.6 4.1 6.1#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion:240 Resp: 94976
Ion Ratio Lower Upper
240 100
120 10.9 4.2 6.4#
236 26.5 21.4 32.2

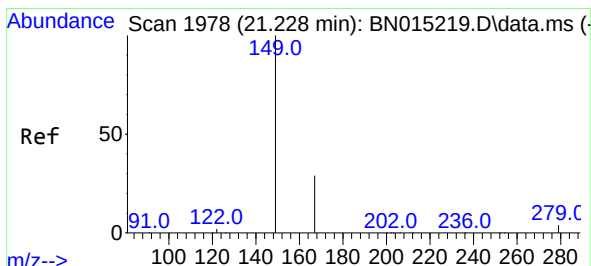
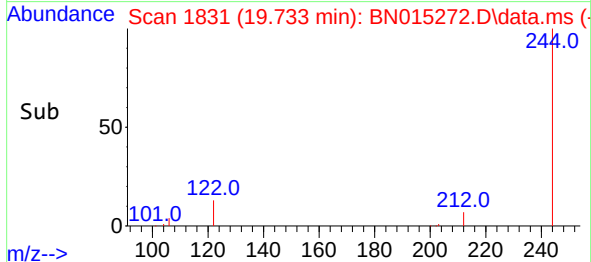
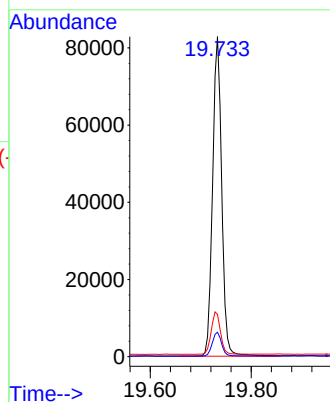
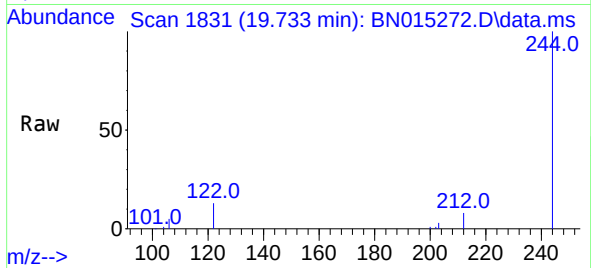




#31
 Terphenyl-d14
 Concen: 0.467 ng
 RT: 19.733 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BN015272.D
 Acq: 01 Jul 2021 22:20

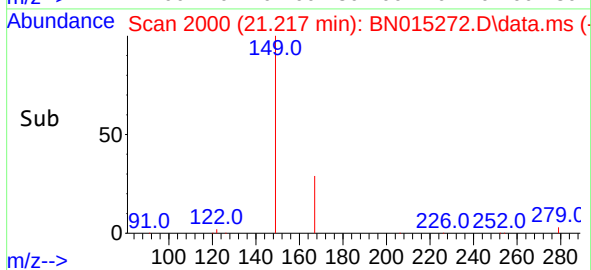
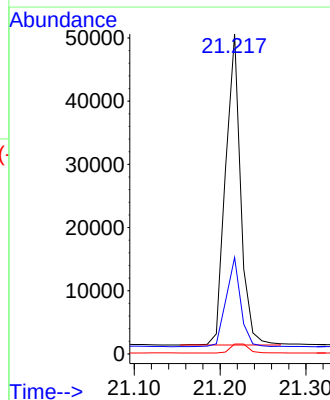
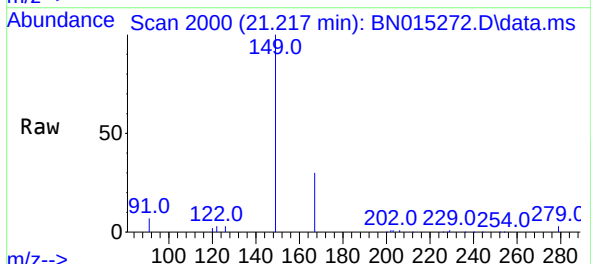
Instrument :
 BNA_N
 ClientSampleId :
 RE108D2-20210622

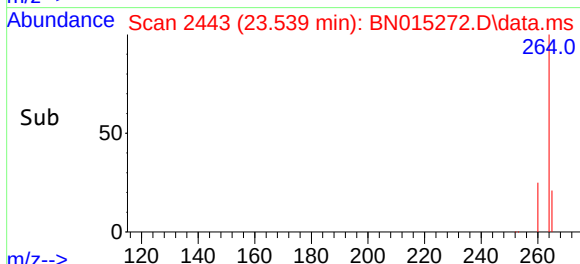
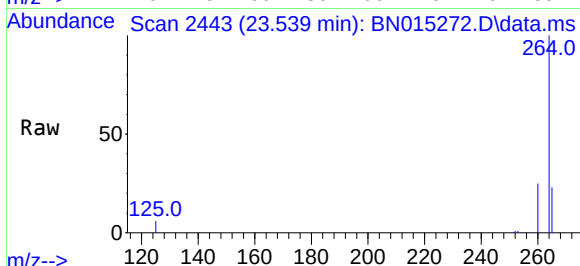
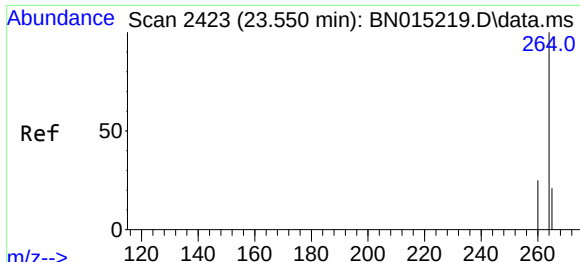
Tgt Ion:244 Resp: 103825
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 13.2 6.2 9.2#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.649 ng
 RT: 21.217 min Scan# 2000
 Delta R.T. -0.011 min
 Lab File: BN015272.D
 Acq: 01 Jul 2021 22:20

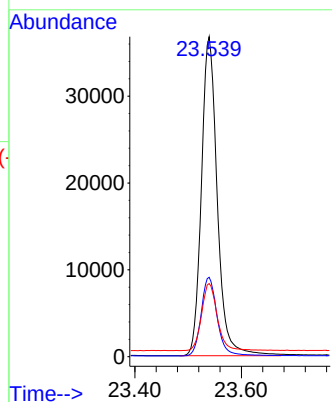
Tgt Ion:149 Resp: 59980
 Ion Ratio Lower Upper
 149 100
 167 28.0 28.9 43.3#
 279 3.5 4.9 7.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.539 min Scan# 2443
Delta R.T. -0.011 min
Lab File: BN015272.D
Acq: 01 Jul 2021 22:20

Tgt Ion:264	Resp:	76056
Ion	Ratio	Lower Upper
264	100	
260	24.8	20.6 31.0
265	22.8	21.4 32.2



Instrument :
BNA_N
ClientSampleId :
RE108D2-20210622